

Please type a plus sign (+) inside this box → ☐Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 501.37242CX2

First Inventor or Application Identifier Masayuki OHTA, et al

Title See 1 in Addendum

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 111]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 44]
4. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of
(when there is an assignee) ☐ Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 ☐ Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity ☐ Statement filed in prior application
Statement(s) ☐ Status still proper and desired
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 09/331,266

Prior application information: Examiner O. Vu Group / Art Unit: 2871

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

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Address

City

State

Zip Code

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Telephone

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Name (Print/Type)

Melvin Kraus

Registration No. (Attorney/Agent)

22,466

Signature

[Signature]

Date

Mar. 13, 2001

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$980.00)

Complete if Known

| | |
|----------------------|----------------------|
| Application Number | |
| Filing Date | March 13, 2001 |
| First Named Inventor | Masayuki OHTA, et al |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 501.37242CX2 |

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2135

Deposit Account Name

☐ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:
☐ Check ☐ Money Order ☒ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 690 | 201 345 | Utility filing fee | 710.00 |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 690 | 208 345 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 18 | -20** = 0 | 18 | 0 |
| Independent Claims | 3 - 3** = 0 | 80 | 0 |
| Multiple Dependent | | 270 | 270 |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 270.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | 0.00 |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet. | 0.00 |
| 139 130 | 139 130 | Non-English specification | 0.00 |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | 0.00 |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | 0.00 |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | 0.00 |
| 115 110 | 215 55 | Extension for reply within first month | 0.00 |
| 116 380 | 216 190 | Extension for reply within second month | 0.00 |
| 117 870 | 217 435 | Extension for reply within third month | 0.00 |
| 118 1,360 | 218 680 | Extension for reply within fourth month | 0.00 |
| 128 1,850 | 228 925 | Extension for reply within fifth month | 0.00 |
| 119 300 | 219 150 | Notice of Appeal | 0.00 |
| 120 300 | 220 150 | Filing a brief in support of an appeal | 0.00 |
| 121 260 | 221 130 | Request for oral hearing | 0.00 |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | 0.00 |
| 140 110 | 240 55 | Petition to revive - unavoidable | 0.00 |
| 141 1,210 | 241 605 | Petition to revive - unintentional | 0.00 |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | 0.00 |
| 143 430 | 243 215 | Design issue fee | 0.00 |
| 144 580 | 244 290 | Plant issue fee | 0.00 |
| 122 130 | 122 130 | Petitions to the Commissioner | 0.00 |
| 123 50 | 123 50 | Petitions related to provisional applications | 0.00 |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | 0.00 |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | 0.00 |
| 146 690 | 246 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) | 0.00 |
| 149 690 | 249 345 | For each additional invention to be examined (37 CFR § 1.129(b)) | 0.00 |
| Other fee (specify) | | | 0.00 |
| Other fee (specify) | | | 0.00 |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

| | | | | | |
|-------------------|---|-----------------------------------|---------------|-----------|--------------|
| Name (Print/Type) | Melvin Kraus | Registration No. (Attorney/Agent) | 22,466 | Telephone | 703-312-6600 |
| Signature |  | Date | Mar. 13, 2001 | | |

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Attachment to PTO/SB/05 (4/98) Utility Patent Application Transmittal

1. LATERAL ELECTRIC-FIELD LIQUID CRYSTAL DISPLAY DEVICE SUITABLE FOR IMPROVEMENT OF APERTURE RATIO

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